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**From:** Bryniarski, Jeff  
**Sent:** Fri 9/12/2014 11:29:29 PM  
**Subject:** Gold King 9/12/14

Steve-

Gold King Work Summary for 9/12/14:

- ERRS dewatered and excavated near weir for pipe install
  - ERRS cut 26'' X 10'' section of concrete from channel wall upstream of weir
  - ERRS installed two 12'' diameter PVC pipes at a 2% pitch terminating to the weir channel
  - ERRS secured the pipes with rock, fabric, and 2 bags of QuickCrete
  - START documented water flow through both pipes and underneath pipes into the weir channel
- (Flow rate appeared the same as before mine face excavation- START measured .032 MGD = 22.22 gal/min)
- ERRS dropped additional loads of rock to begin building ramp for future excavation of the mine face
  - START took field readings of mine water after construction: pH 3.67, Temp 11.83°C, turbidity 484 NTU, DO 18.42 mg/L

I took several photos but cannot attach due to poor internet connectivity.

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